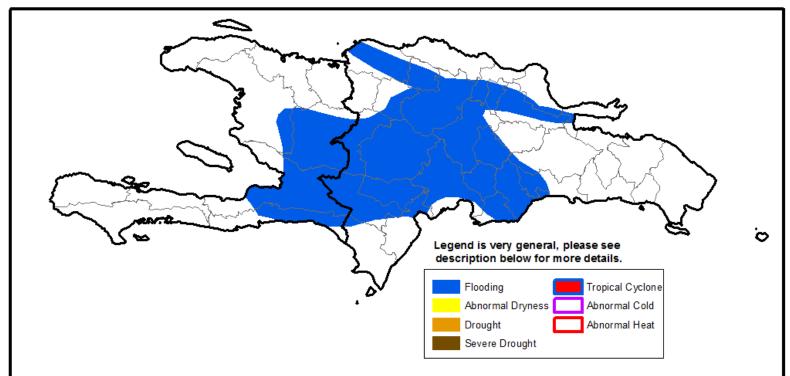


Climate Prediction Center's Hispaniola Hazards Outlook May 12 – May 18, 2016

Heavy, flooding rains continued to cause widespread problems across Hispaniola during the last week.



During the last week, a robust frontal passage enhanced rainfall once again across many parts of the island. Heavy drenching rains fell over many areas, with totals exceeding 200mm observed in several parts of eastern Dominican Republic and southern/northeastern Haiti, according to TRMM estimates. Observations of 150mm or more were prevalent over a wider area. A relative minimum of precipitation, though still substantial, was located over central portions of Dominican Republic. Flooding issues have been reported in the Santo Domingo, DR region, in many provinces of Haiti, and swollen rivers are likely an issue for many other parts of the island. The increase in rainfall has pushed its way into northern Haiti significantly reducing moisture deficits that still remained there. Large 30-day rainfall surpluses are present across much of Dominican Republic and southern Haiti. Remotely sensed vegetation indices depict generally favorable conditions across many areas of Hispaniola. Some poor conditions continue to be observed over parts of the Centre, Artibonite, and Nord-Est departments of Haiti, but improvement is expected in the near future. For the upcoming outlook period, precipitation models suggest widespread rainfall across Hispaniola, with locally heavy totals. Locally, over 200mm of rain is possible over some already water-logged areas of central Dominican Republic and Haiti. As such, the potential remains for additional flash flooding, inundated rivers, and mudslides.